ELSEVIER

Journal of Hazardous Materials 45 (1996) 297–298

JOURNAL OF HAZARDOUS MATERIALS

Contents Volume 45

Investigations to improve and assess the accuracy of computational fluid dynamic based explosion models
N.R. Popat, C.A. Catlin (Leicestershire, UK), B.J. Arntzen (Fantoft, Norway), R.P. Lindstedt (London, UK), B.H. Hjertager, T. Solberg, O. Saeter (Porsgrun, Norway) and A.C. Van den Berg (Rijswijk, Netherlands) 1

An analysis of the mechanisms of overpressure generation in vapour cloud explosions
R.P. Cleaver and C.G. Robinson (Leicestershire, UK) 27

Evaluation of soil washing process to remove mixed contaminants from a sandy loam
R. Semer and K.R. Reddy (Chicago, IL, USA) 45

Barriers to the use of radiation-curable adhesives in the coated and laminated substrate manufacturing industry
C. Nunez (Research Triangle Park, NC, USA), B. McMinn and J. Vitas (Chapel Hill, NC, USA) 59

Letter to the Editor 79

Book Reviews 83

Stabilization of phenolics in foundry waste using cementitious materials
L.N. Reddi, G.P. Rieck, A.P. Schwab, S.T. Chou and L.T. Fan (Manhattan, KS, USA) 89

Uncertainty and sensitivity analysis for gas and brine migration at the Waste Isolation Pilot Plant: Permeable shaft with panel seals
J.C. Helton (Tempe, AZ, USA), J.E. Bean, B.M. Butcher, J.W. Garner, J.D. Schreiber, P.N. Swift and P. Vaughn (Albuquerque, NM, USA) 107

Health risk assessment study for a general population in case of fire of high quantities of 1,1,1-trichloroethane in urban zone
F. Faucher, G. Carrier and J.-C. Panisset (Montréal, Québec, Cananda) 141

Statistical analysis of physicochemical properties of monoliths solidified from a municipal incinerator fly ash
G.C.C. Yang and S.-Y. Chen (Kaohsiung, Taiwan) 149

Risk assessment for arsenic in drinking water: limits to achievable risk levels
J.G. Hering (Los Angeles, CA, USA) 175

Biodegradation of atrazine in soil using poultry litter
G. Gupta and J. Baummer III (Princess Anne, MD, USA) 185

Derivation of the self-accelerating decomposition temperature for self-reactive substances using isothermal calorimetry
Y. Yu and K. Hasegawa (Tokyo, Japan) 193

Stabilization of Cd, Ni and Pb in soil using natural zeolite
A. Shanableh (Brisbane, Australia) and A. Kharabsheh (Amman, Jordan) 207

Anaerobic biodegradation of toluene under denitrifying conditions in contaminated groundwater and soil
K.G. Mester and D.S. Kosson (Piscataway, NJ, USA) 219
The effect of boundary layer flow on incinerator efficiency
P. Harriott and J. Ellett (Ithaca, NY, USA) 233
Chemical codes: a methodology for generic risk assessment of wastes
D.J. Schaeffer and M. Bailey (Champaign, IL, USA) 245
Photodegradation of Aroclor 1254 using diethylamine and simulated sunlight
Y. Lin, G. Gupta and J. Baker (Princess Anne, MD, USA) 259
Adsorption of Cu(II) and NI(II) by pelletized biopolymer
C. Huang, Y.-C. Chung and M.-R. Liou (Hsinchu, Taiwan) 265

Book Reviews 279
Instructions to Authors 287
Author Index Volume 45 293
Subject Index Volume 45 295
Contents Volume 45 297